

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090295.D
 Acq On : 29 Sep 2016 17:10
 Operator : UM/SJ
 Sample : H4982-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-23

Manual Integrations
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 9/30/2016 4:00:45 PM

Quant Time: Sep 30 11:37:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	133800	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	502639	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	251535	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	328389	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	258219	20.00	ng	-0.02
86) Perylene-d12	14.90	264	202219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	878249	106.99	ng	0.00
7) Phenol-d6	6.12	99	1079548	106.49	ng	-0.01
23) Nitrobenzene-d5	7.04	82	687033	79.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	212900	98.66	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	942645	73.57	ng	-0.02
78) Terphenyl-d14	12.55	244	617138	60.68	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	325458	20.31	ng	99
70) Phenanthrene	10.99	178	52808	3.44	ng	98
74) Fluoranthene	12.17	202	117316	7.12	ng	92
77) Pyrene	12.39	202	118439	6.70	ng	97
80) Benzo(a)anthracene	13.58	228	64204	4.62	ng	# 90
82) Chrysene	13.61	228	58679m	4.34	ng	
85) Indeno(1,2,3-cd)pyrene	16.06	276	28309m	2.59	ng	
87) Benzo(b)fluoranthene	14.57	252	81819m	7.31	ng	
89) Benzo(a)pyrene	14.86	252	46957	4.46	ng	# 91
91) Benzo(g,h,i)perylene	16.39	276	25949	3.23	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

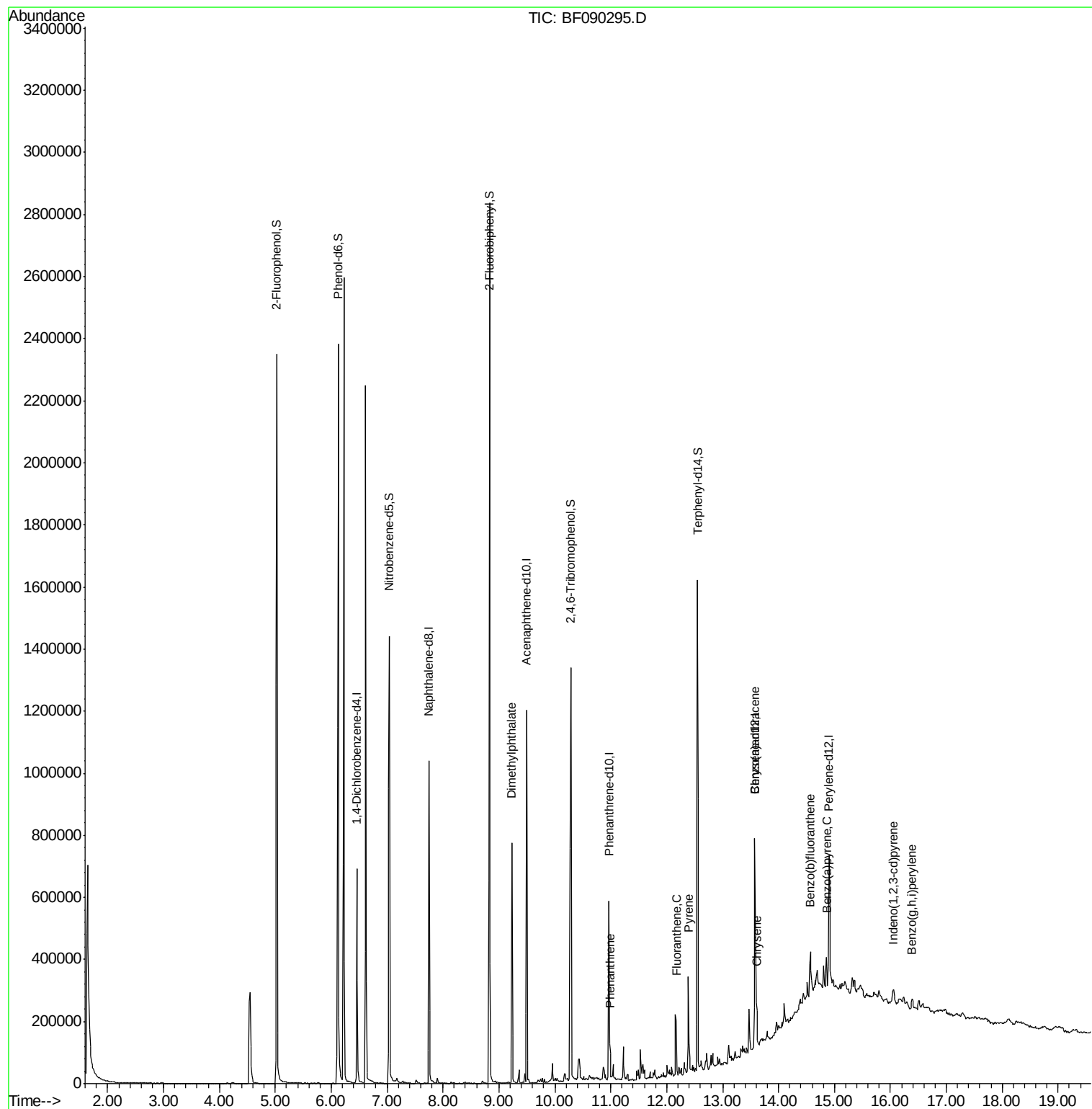
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090295.D
Acq On : 29 Sep 2016 17:10
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Misc :
ALS Vial : 13 Sample Multiplier: 1

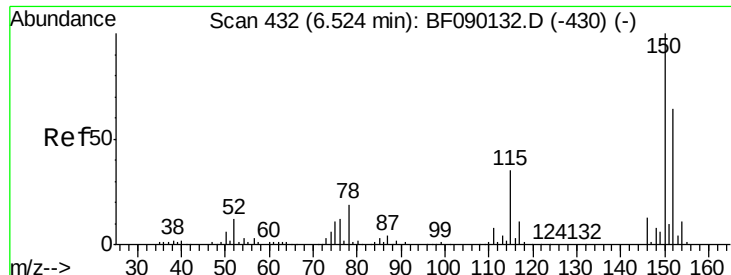
Instrument :
BNA_F
ClientSampleId :
S-23

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#1

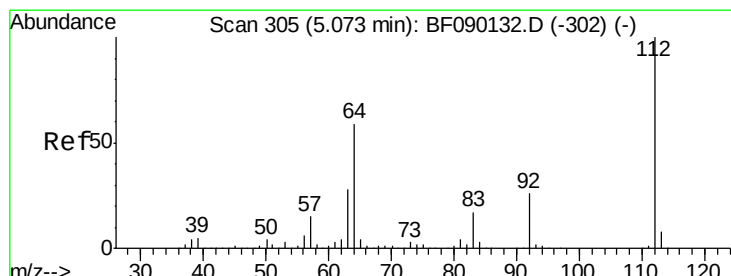
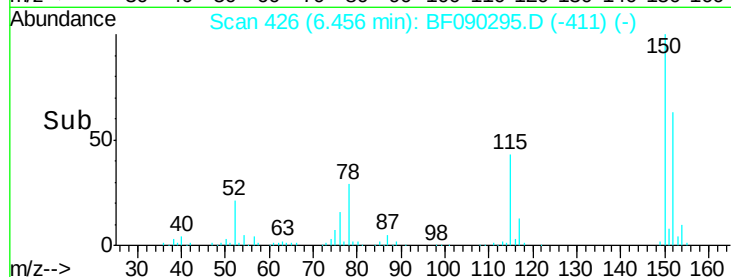
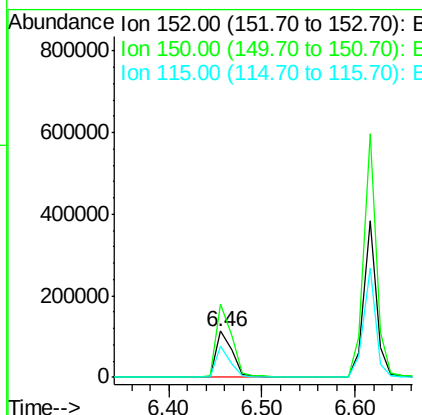
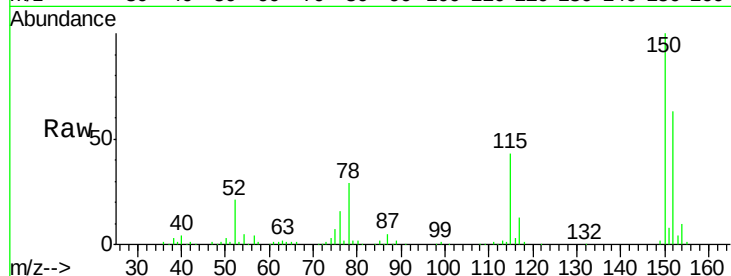
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Instrument :
BNA_F
ClientSampled :
S-23

Tot Ion	Ratio	Resp	Lower	Upper
152	100	133800		
150	159.5	128.9	193.3	
115	68.1	55.5	83.3	

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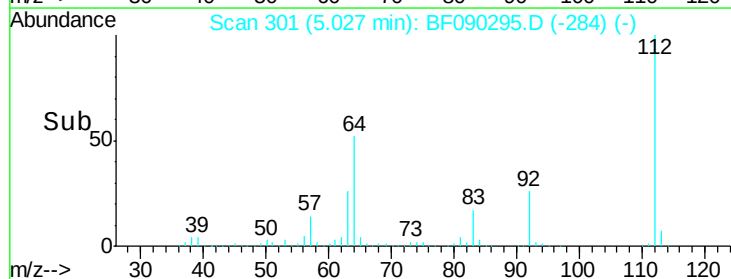
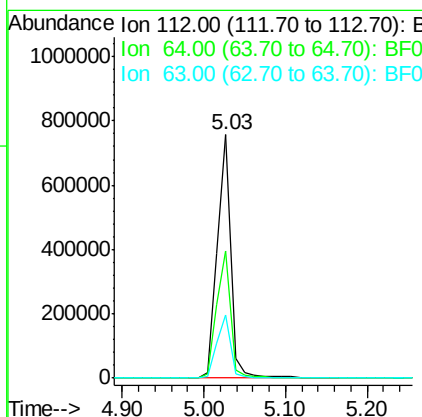
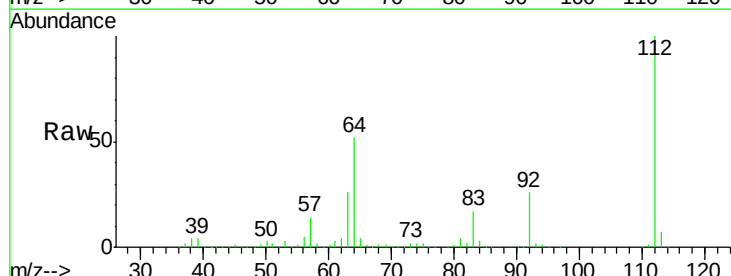
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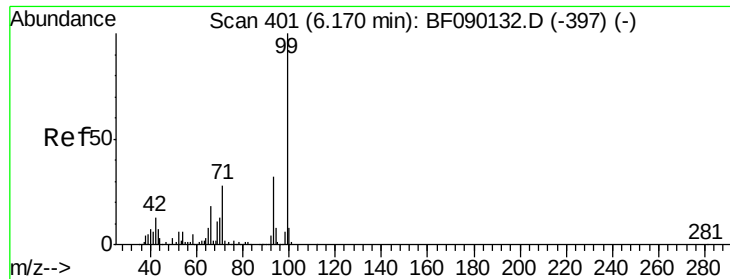


#5

2-Fluorophenol
Concen: 106.99 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	878249		
64	52.3	39.8	59.6	
63	25.7	18.9	28.3	





#7

Phenol-d6

Concen: 106.49 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090295.D

Acq: 29 Sep 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S-23

Tot Ion: 99 Resp: 1079548

Ion Ratio Lower Upper

99 100

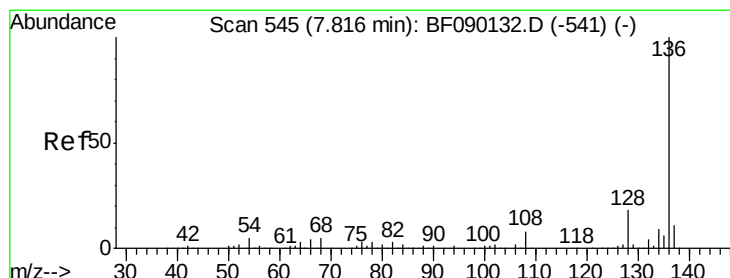
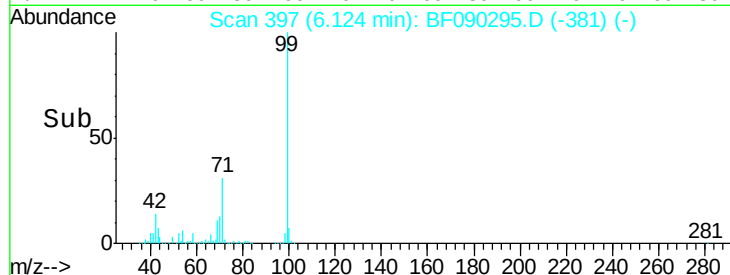
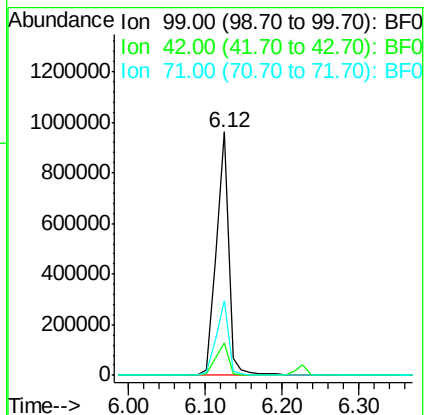
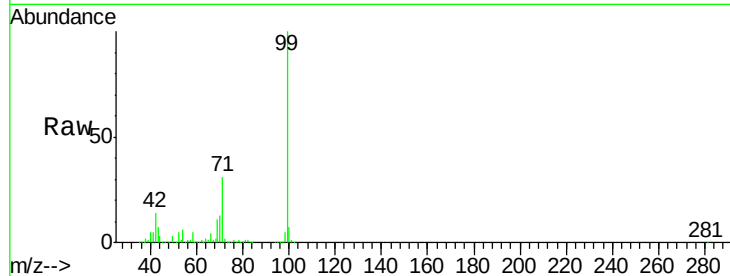
42 13.6 10.6 15.8

71 30.9 23.0 34.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090295.D

Acq: 29 Sep 2016 17:10

Tgt Ion: 136 Resp: 502639

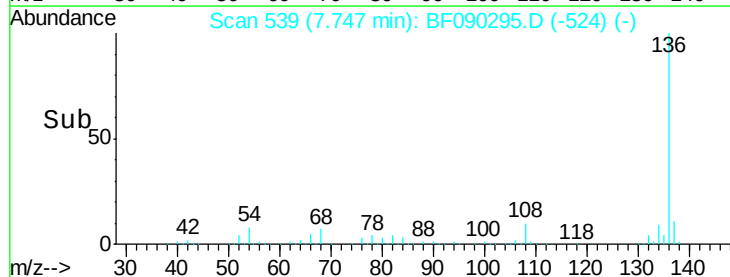
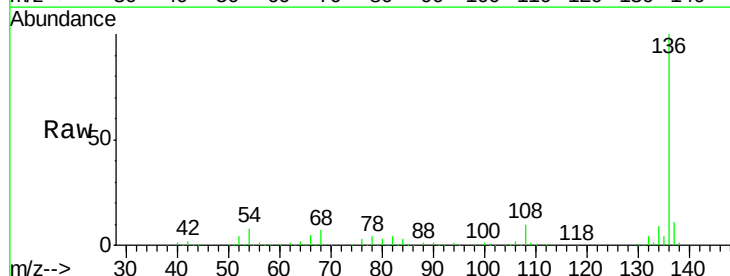
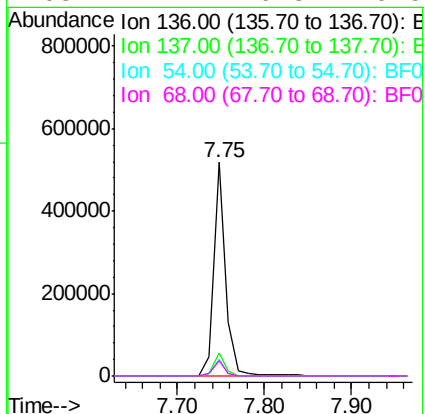
Ion Ratio Lower Upper

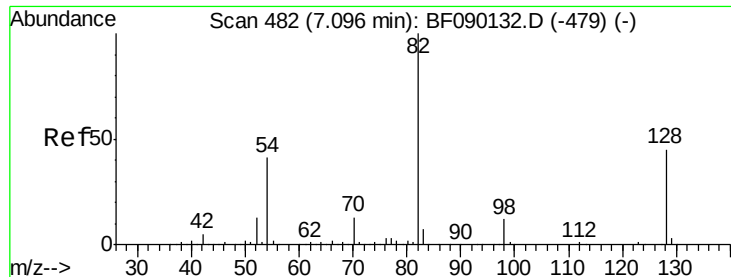
136 100

137 11.0 9.0 13.4

54 8.0 6.4 9.6

68 7.4 6.3 9.5





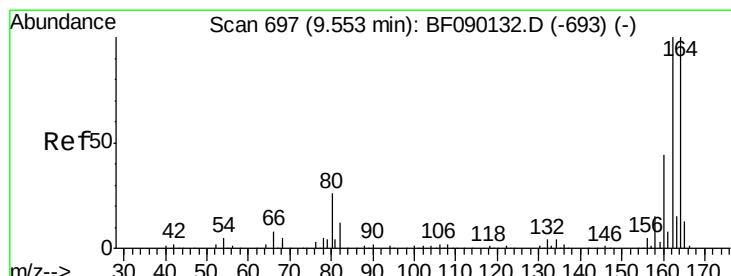
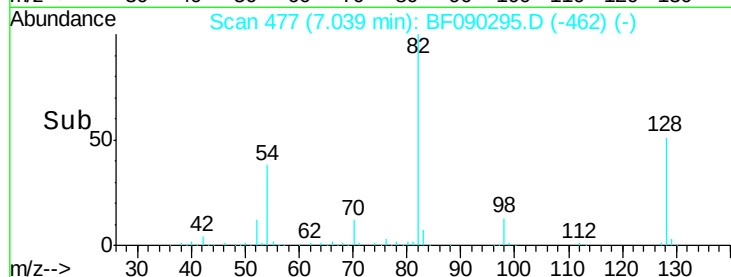
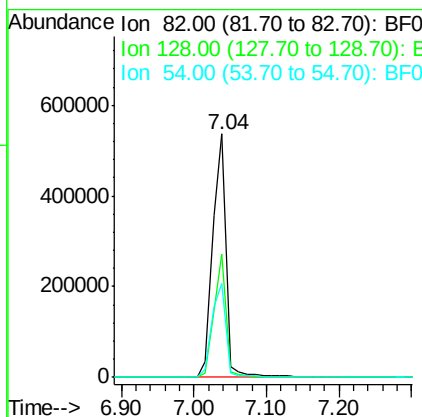
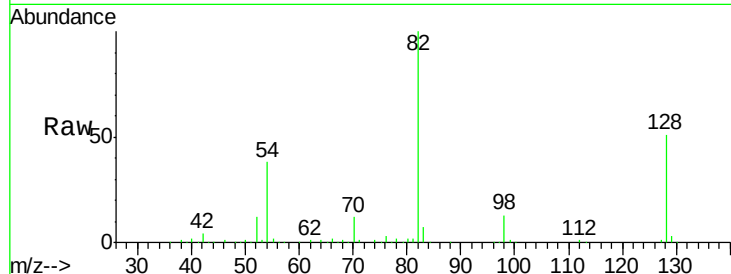
#23
 Nitrobenzene-d5
 Concen: 79.23 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090295.D
 Acq: 29 Sep 2016 17:10

Instrument :
 BNA_F
 ClientSampled :
 S-23

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.5	56.3
54	38.3	31.9	47.9

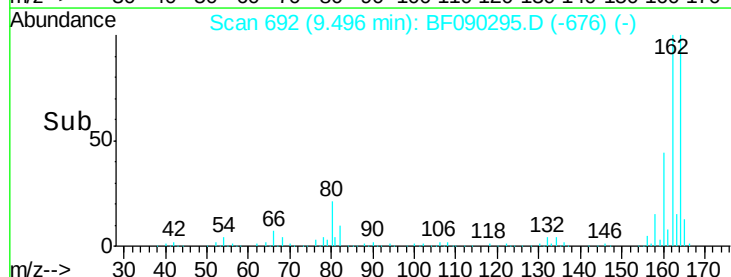
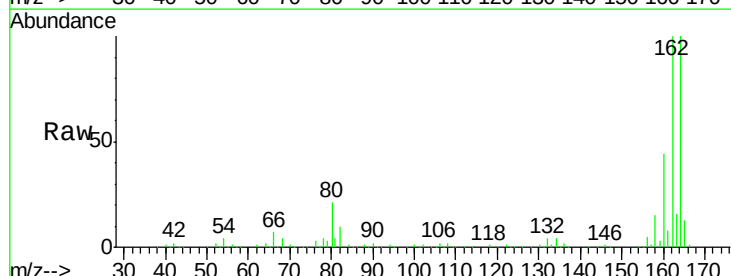
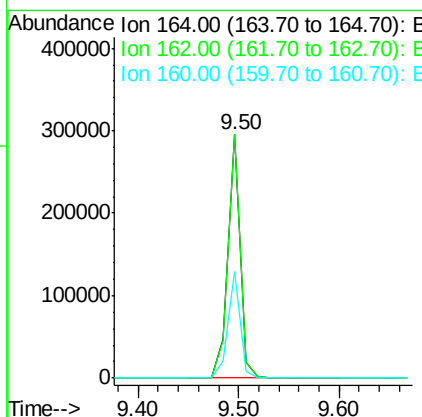
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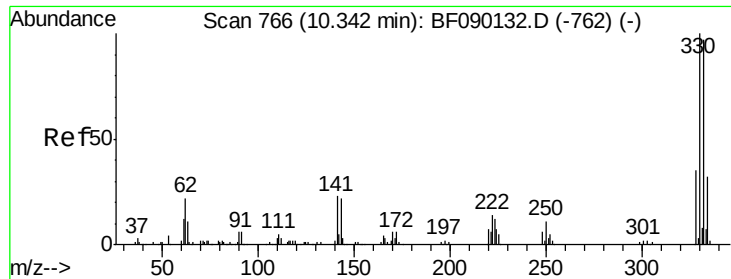
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090295.D
 Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.2
160	43.7	36.6	54.8





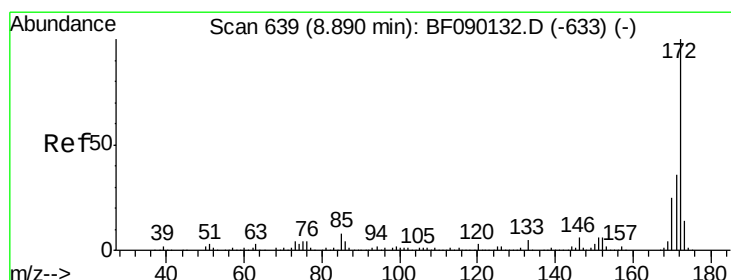
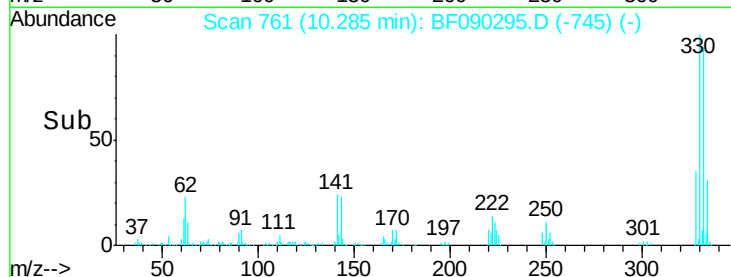
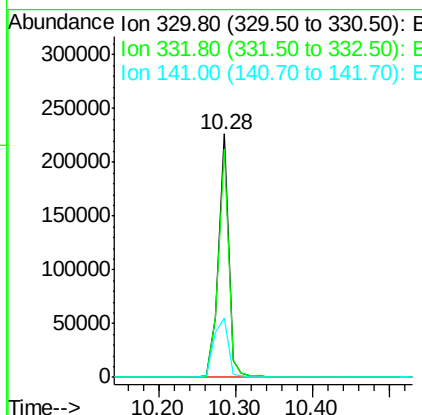
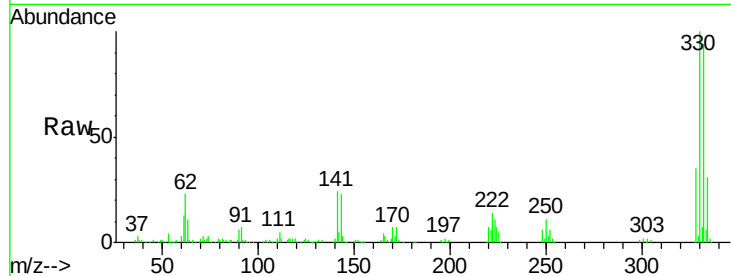
#41
 2,4,6-Tribromophenol
 Concen: 98.66 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090295.D
 Acq: 29 Sep 2016 17:10

Instrument :
 BNA_F
 ClientSampled :
 S-23

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212900		
332	95.0		78.1	117.1
141	33.7		23.9	35.9

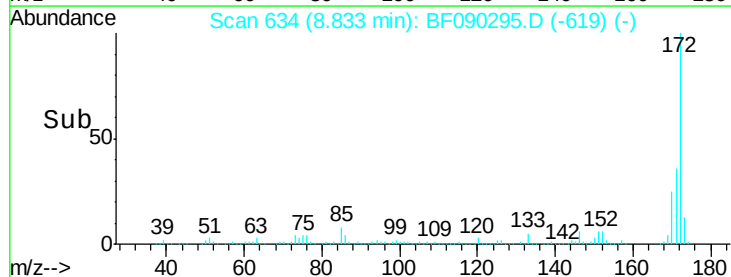
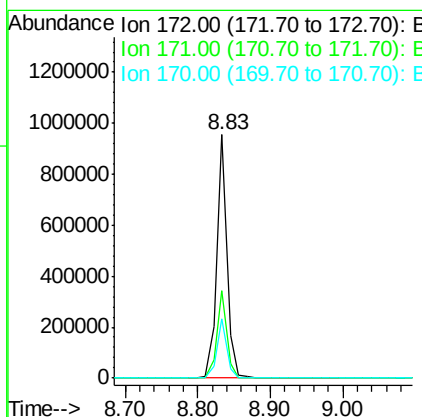
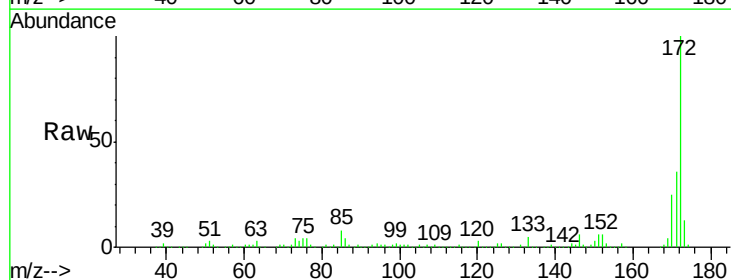
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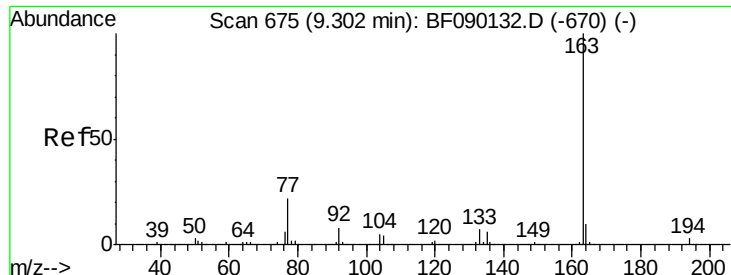
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#44
 2-Fluorobiphenyl
 Concen: 73.57 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090295.D
 Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	942645		
171	35.9		29.2	43.8
170	24.5		19.8	29.8





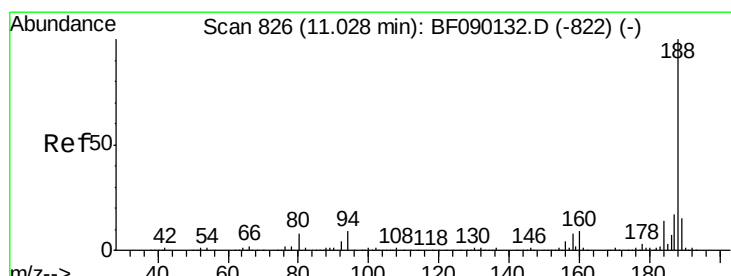
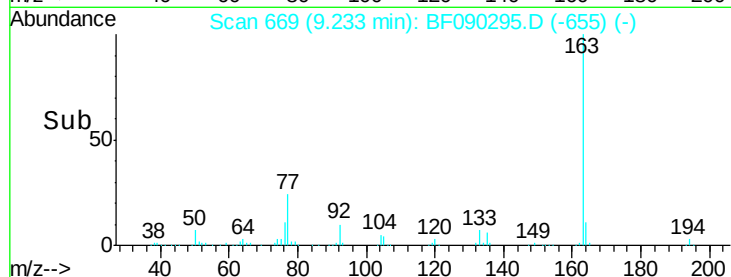
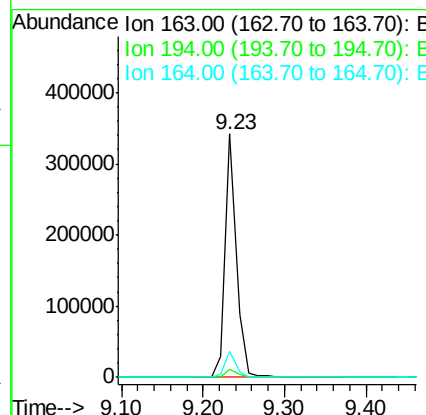
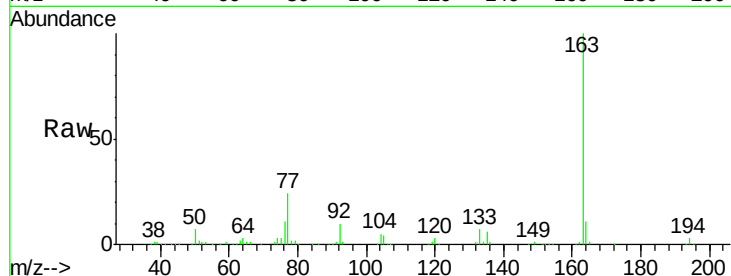
#49
Dimethylphthalate
Concen: 20.31 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Instrument :
BNA_F
ClientSampled :
S-23

Tot Ion	Ratio	Resp	Lower	Upper
163	100	325458		
194	3.2		2.8	4.2
164	10.6		8.1	12.1

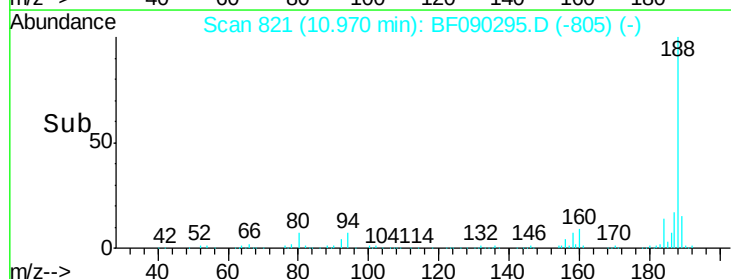
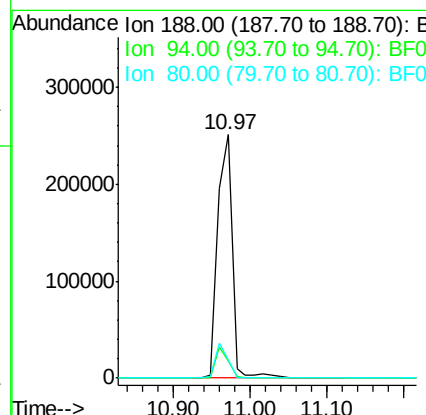
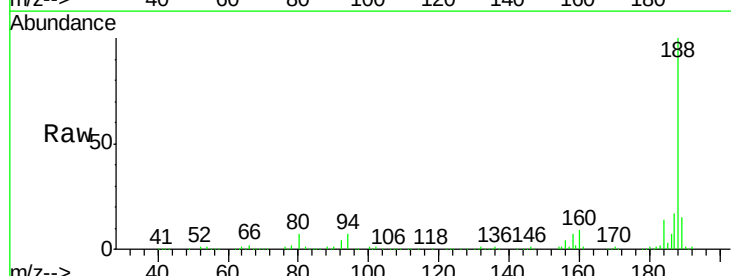
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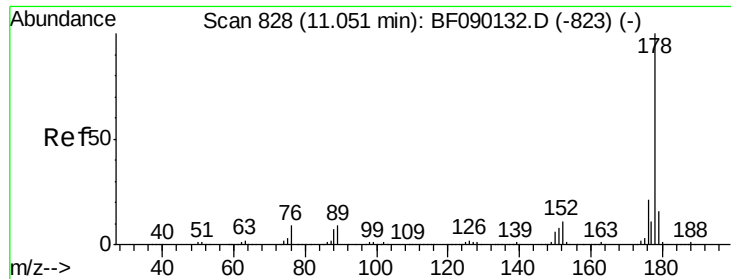
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	328389		
94	7.2		10.5	15.7#
80	7.4		11.2	16.8#





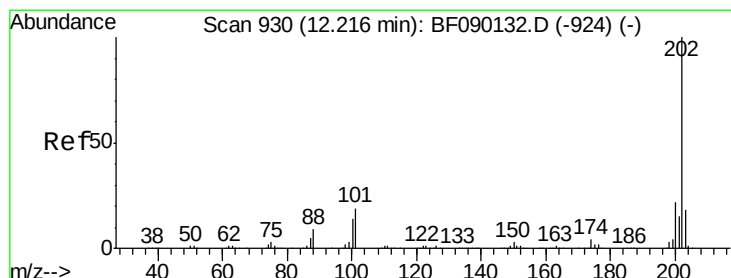
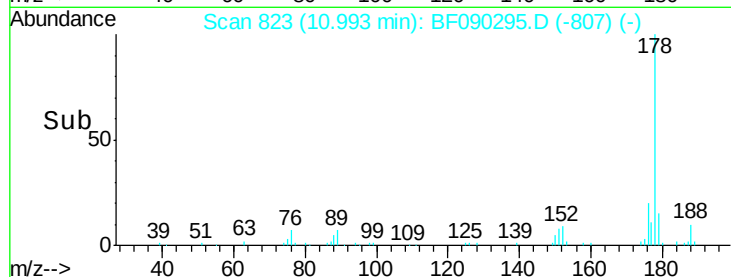
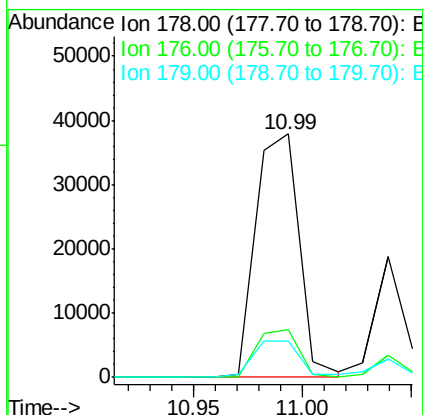
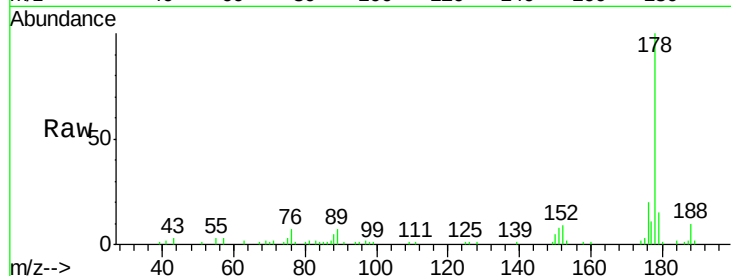
#70
Phenanthrene
Concen: 3.44 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Instrument :
BNA_F
ClientSampled :
S-23

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	14.7	12.9	19.3

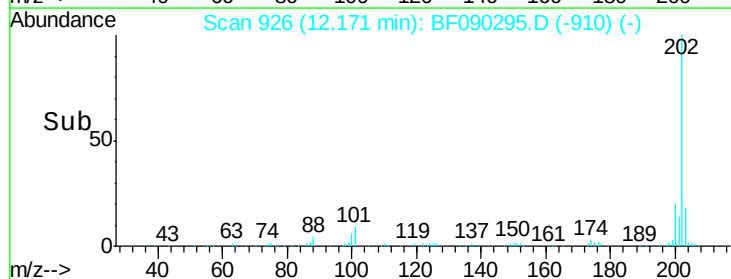
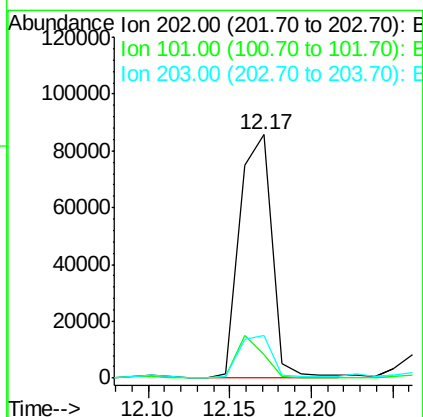
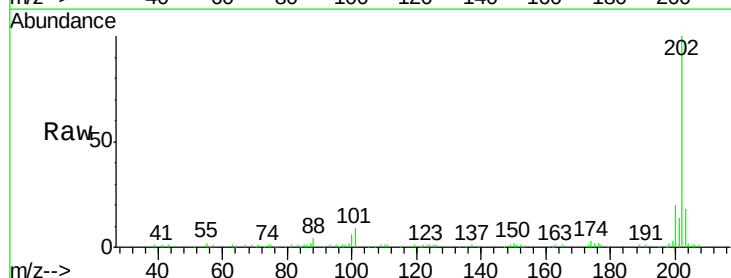
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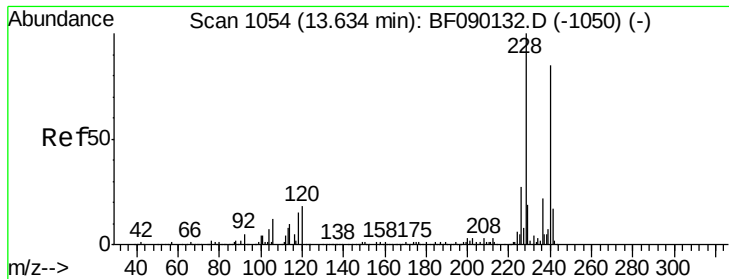
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#74
Fluoranthene
Concen: 7.12 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	36.1
203	17.6	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090295.D

Acq: 29 Sep 2016 17:10

Instrument :

BNA_F

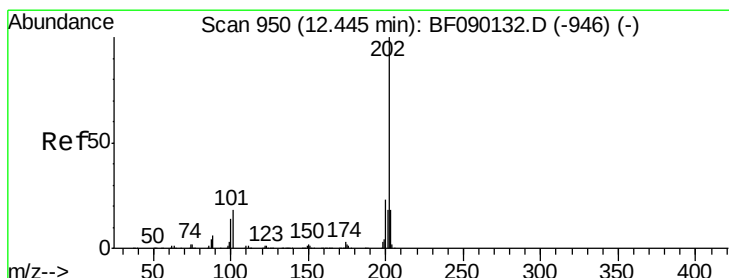
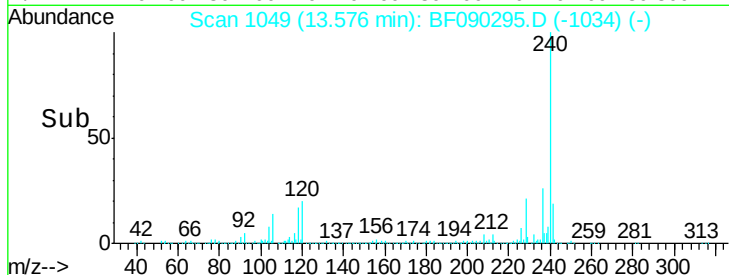
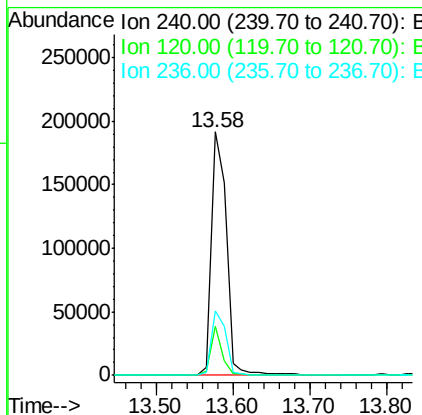
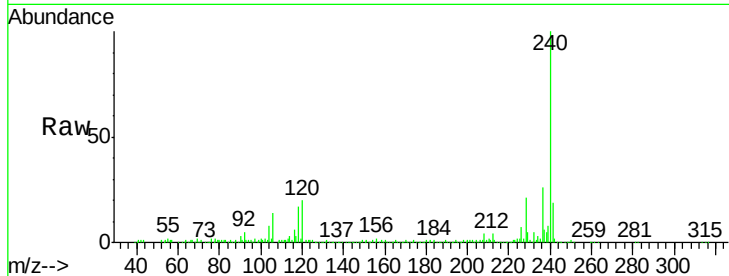
ClientSampled :

S-23

Tot Ion:	240	Resp:	258219
Ion Ratio	Lower	Upper	
240	100		
120	19.9	10.6	16.0#
236	26.3	21.6	32.4

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#77

Pyrene

Concen: 6.70 ng

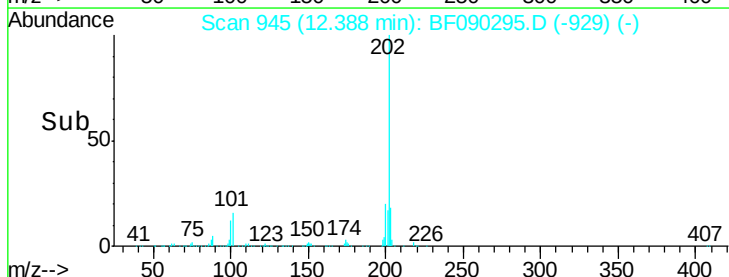
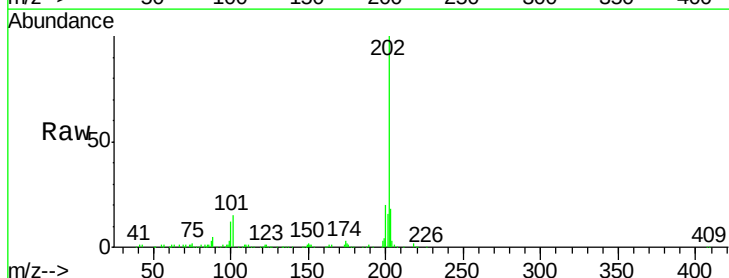
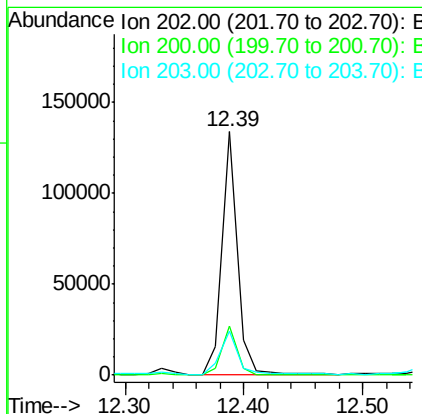
RT: 12.39 min Scan# 945

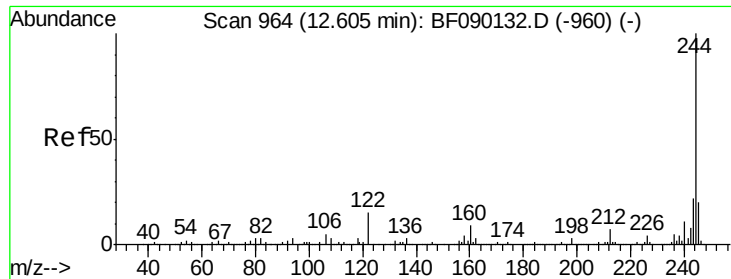
Delta R.T. -0.01 min

Lab File: BF090295.D

Acq: 29 Sep 2016 17:10

Tgt Ion:	202	Resp:	118439
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.9	26.9
203	18.0	14.2	21.4





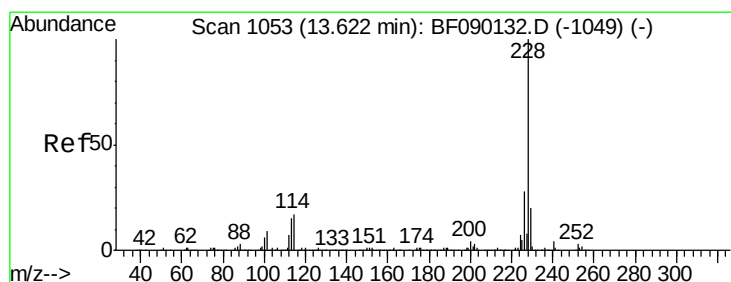
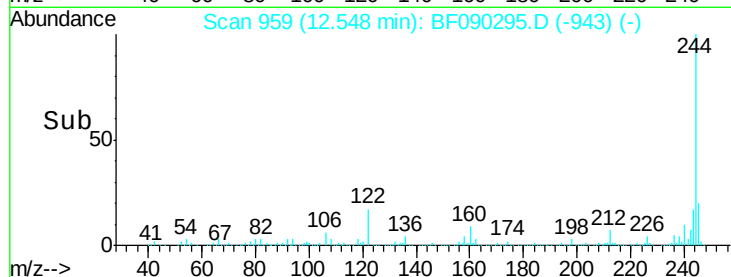
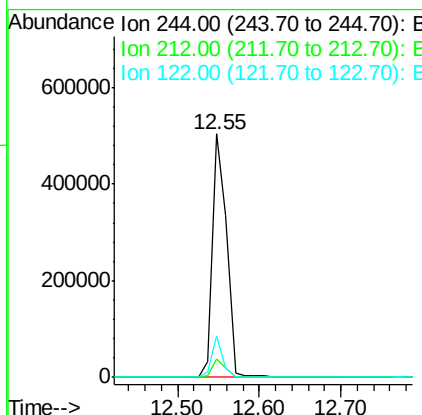
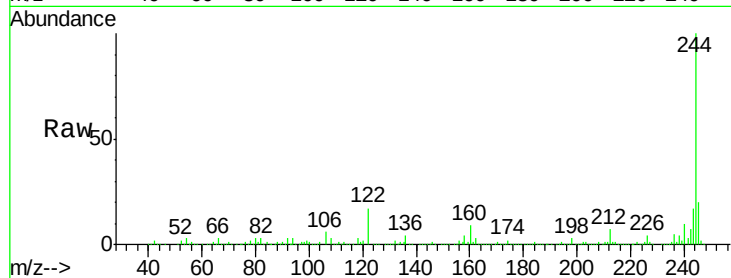
#78
 Terphenyl-d14
 Concen: 60.68 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090295.D
 Acq: 29 Sep 2016 17:10

Instrument :
 BNA_F
 ClientSampled :
 S-23

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	17.2	9.4	14.0

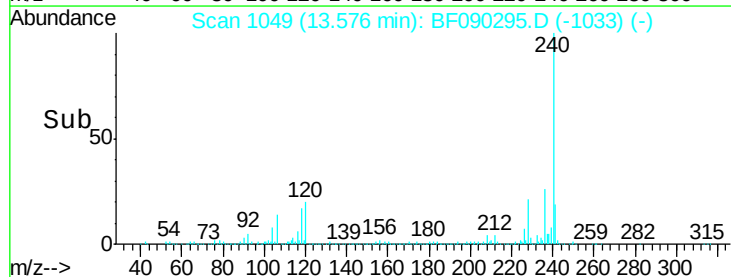
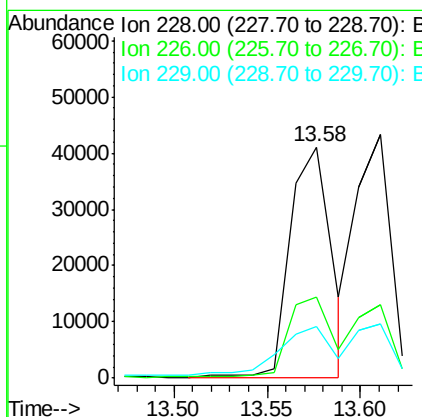
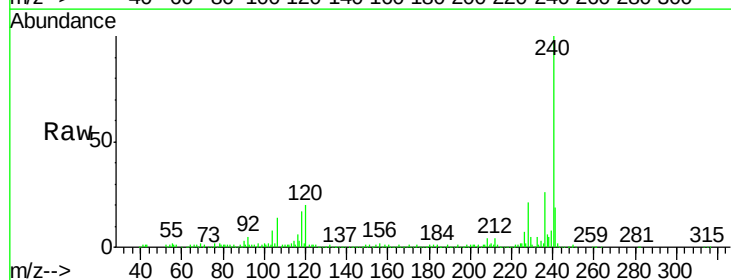
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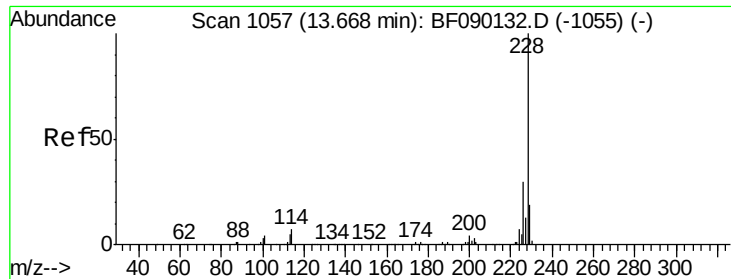
sohil
 9/30/2016 4:00:45 PM



#80
 Benzo(a)anthracene
 Concen: 4.62 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF090295.D
 Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.0	33.0
229	22.4	16.2	24.2





#82

Chrysene

Concen: 4.34 ng m

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF090295.D

Acq: 29 Sep 2016 17:10

Instrument :

BNA_F

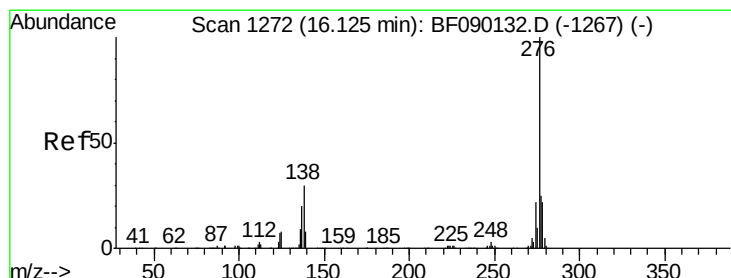
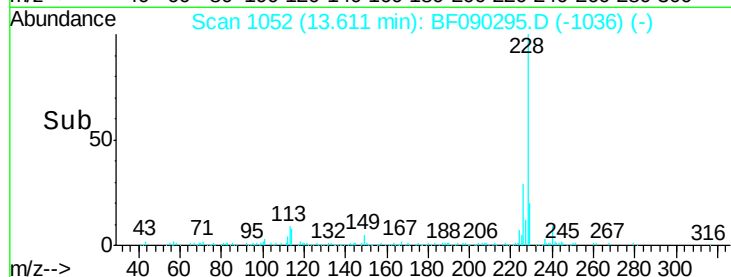
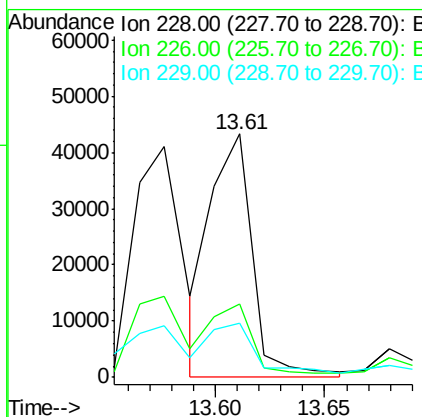
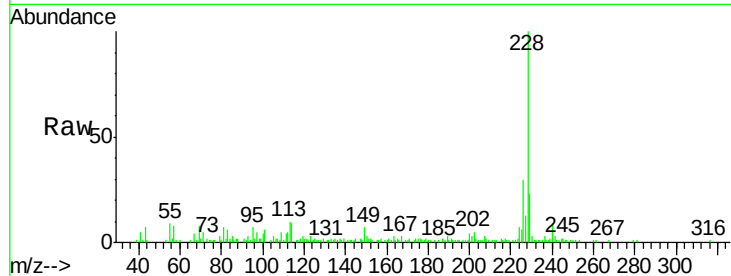
ClientSampled :

S-23

Tot Ion:	228	Resp:	58679
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.6	37.0
229	22.5	16.2	24.4

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.59 ng m

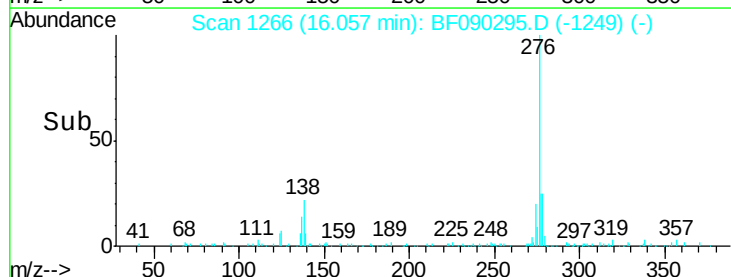
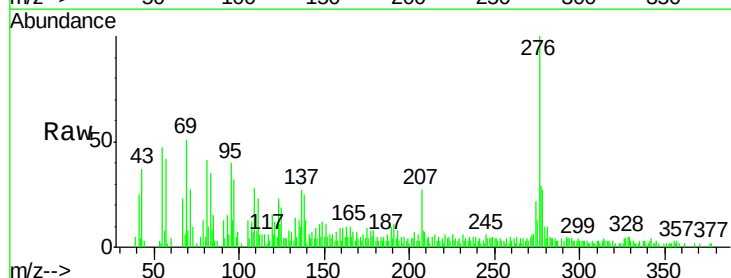
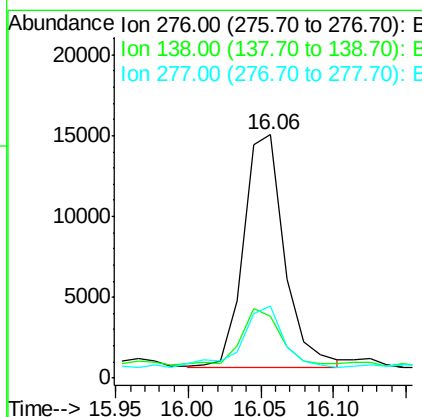
RT: 16.06 min Scan# 1266

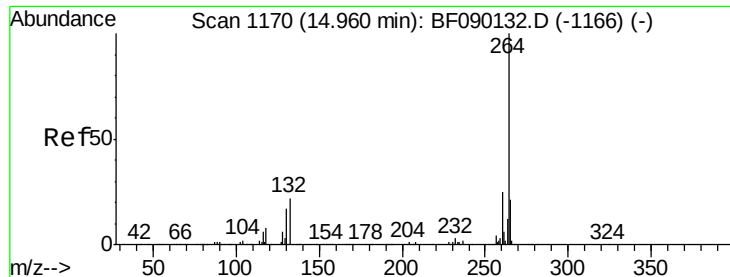
Delta R.T. -0.00 min

Lab File: BF090295.D

Acq: 29 Sep 2016 17:10

Tgt Ion:	276	Resp:	28309
Ion Ratio	Lower	Upper	
276	100		
138	6.7	25.9	38.9#
277	6.6	19.9	29.9#





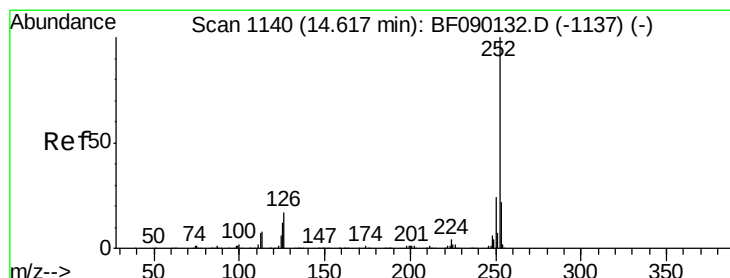
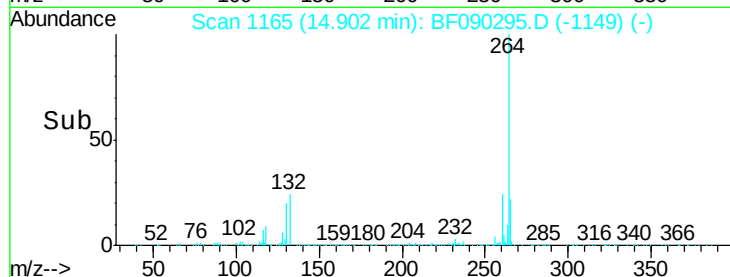
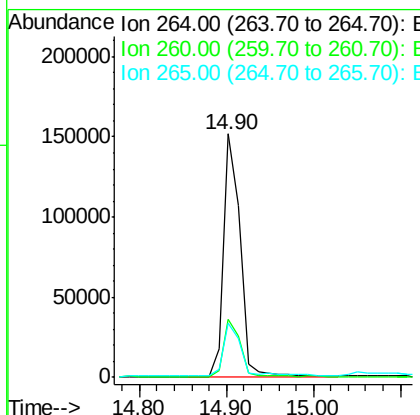
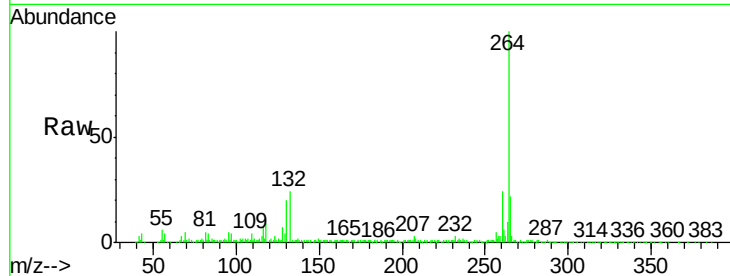
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Instrument :
BNA_F
ClientSampled :
S-23

Tot Ion:	264	Resp:	202219
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.1	17.0	25.4

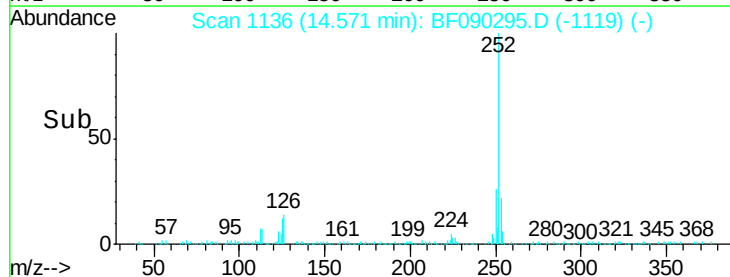
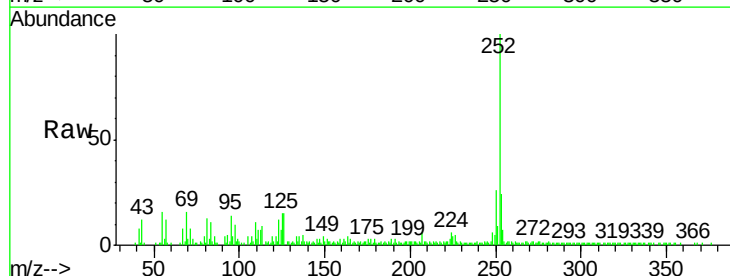
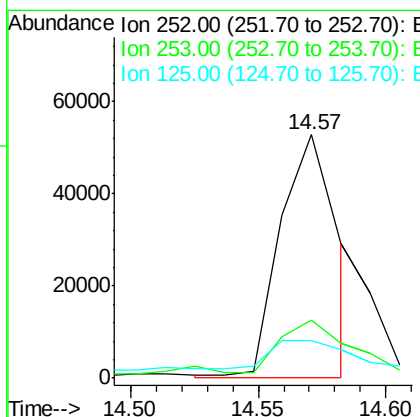
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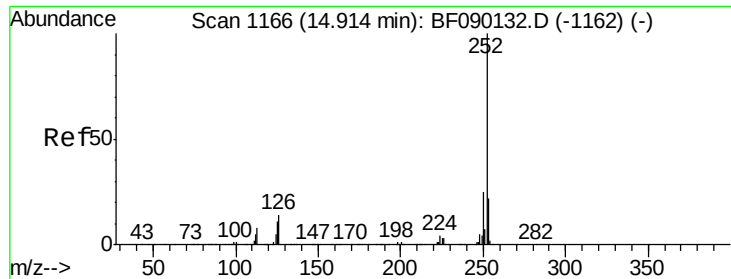
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#87
Benzo(b)fluoranthene
Concen: 7.31 ng m
RT: 14.57 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Tgt Ion:	252	Resp:	81819
Ion Ratio		Lower	Upper
252	100		
253	23.8	17.9	26.9
125	15.2	12.7	19.1





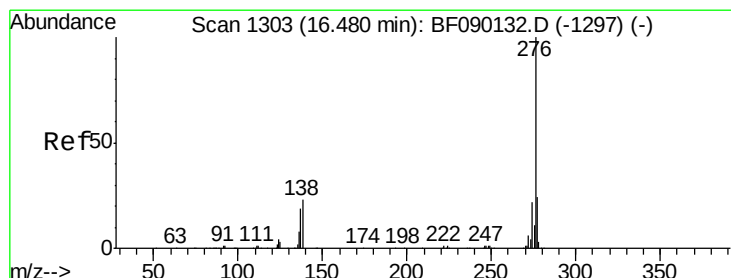
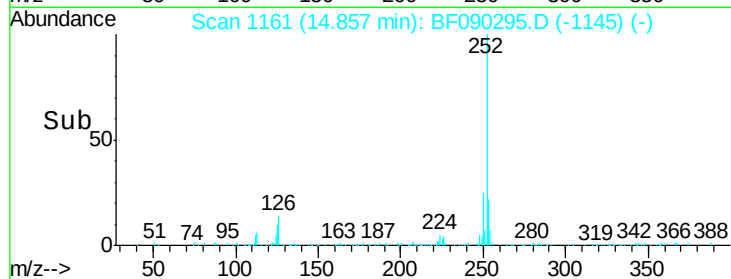
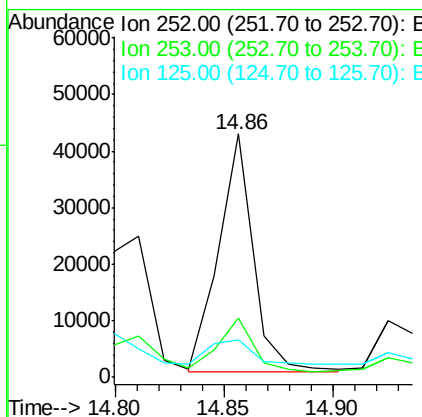
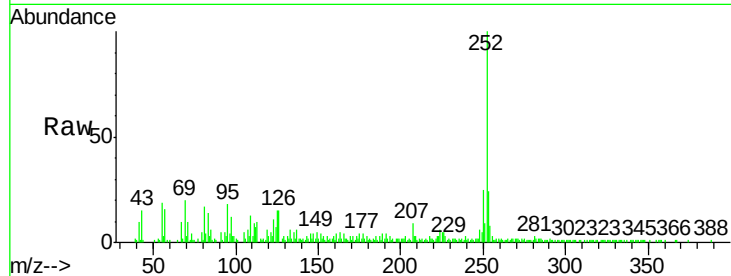
#89
Benzo(a)pyrene
Concen: 4.46 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Instrument :
BNA_F
ClientSampled :
S-23

Tot Ion	Ratio	Resp	Lower	Upper
252	100	46957		
253	24.3		17.4	26.0
125	15.3		7.7	11.5

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.23 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF090295.D
Acq: 29 Sep 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	25949		
277	28.5		18.9	28.3
138	27.7		23.3	34.9

